LAB - 2

1. SELECT sname,major FROM student WHERE AGE=(SELECT MIN(age) FROM student);

2. SELECT sname,major FROM student WHERE AGE=(SELECT MAX(age) FROM student);

3. SELECT sname,major FROM student WHERE AGE=(SELECT MIN(age) FROM student) LIMIT 1;

4. SELECT sname,major FROM student WHERE AGE=(SELECT MAX(age) FROM student) LIMIT 1;

5. SELECT * FROM student WHERE ((sname LIKE "D%") OR (sname LIKE "%N"));

6. SELECT * FROM student ORDER BY sname;

7. SELECT fid,deptid FROM faculty WHERE salary=(SELECT MAX(salary) FROM faculty);

8. UPDATE faculty SET salary=salary*1.2;
SELECT * FROM faculty;

9. SELECT fid,fname FROM faculty WHERE ((deptid=1) OR (salary >= 50000)) ORDER BY salary;

10. SELECT * FROM student WHERE ((major="Software Engineering") AND (snum IN (SELECT snum FROM enrolled WHERE coursename="DBMS"))) ORDER BY sname;

11. SELECT snum,sname FROM student WHERE ((sname LIKE "S%") OR (sname LIKE "%A"));

12. SELECT * FROM student WHERE sname LIKE "%ha%";

13. SELECT * FROM student WHERE ((major="Software Engineering") AND (level="SR"));

14. SELECT * FROM student WHERE snum IN (SELECT snum FROM enrolled WHERE coursename="DBMS");

15. SELECT fid,deptid FROM faculty WHERE fid=(SELECT fid FROM class WHERE room="H05");

16. SELECT AVG(salary) FROM faculty WHERE deptid=1;

17. SELECT coursename,COUNT(coursename) FROM enrolled GROUP BY coursename ORDER BY COUNT(coursename) DESC LIMIT 1;

18. SELECT coursename,COUNT(coursename) FROM enrolled GROUP BY coursename ORDER BY COUNT(coursename) LIMIT 1;

19. CREATE VIEW temp AS SELECT fid,COUNT(coursename) FROM class GROUP BY fid ORDER BY COUNT(coursename) DESC LIMIT 1;
    SELECT fid,fname FROM faculty WHERE fid IN (SELECT fid FROM temp);

20. SELECT sname FROM student WHERE ((level="JR") AND snum IN (SELECT snum FROM enrolled WHERE coursename IN (SELECT coursename FROM class WHERE fid IN (SELECT fid FROM faculty WHERE fname="Jagadessh.K"))));

21. SELECTcoursename FROM class WHERE coursename NOT IN (SELECT DISTINCT coursename FROM enrolled);